THE CAT'S WHISKER

BULLETIN OF THE CANADIAN VINTAGE WIRELESS ASSOCIATION

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FIRST CLASS

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THE TRADING POST

DEC. 1977

A) Ads in the "TRADING POST" are free of charge to C.V.W.A. members they are not to be abused. The C.V.W.A. is not responsible for any transactions.
B) When writing ads please give full address incl. postal code in Canada and zip code in U.S.
C) Please write ads on a seperate sheet (not part of letter) Keep ads as short as possible.
D) Ads must be for personal use and not connected with any business venture.
E) Please mail ads early. Closing date is 15th of FEB., MAY, AUG., and NOV.
F) All ads should be directed to : "THE TRADING POST" ,c/o Sid. Prior, 102 Parkhurst Blvd., Toronto, Ontario, Canada M4G 2E6

" A GOOD NAME LIKE A GOOD FRIEND IS WON BY MANY ACTS AND LOST BY ONE."

WANTED:
Atwater Kent Model 36 with external power supply
A.K. R.F. Control Knob
A.K. Model 20 Compact Set
HAROLD DEBLING
90 TEMPERANCE ST. APT. 4
AURORA ONT.CAN. L 4 G 2 P 9

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WANTED:
Vintage Radio Collectors Books,giving name,model style and price,similar to Vintage Radio. or send info. on such books.
JAMES D.MACDONALD
R.R.#I WEST BAY RD.
GLENDALE INV.CO.
NOVA SCOTIA CAN.
B O E 3 L 0

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WANTED:
CAN.MARCONI 1947 48 MODEL 220 or 219
A RADIO CHASSIS and SPEAKER in working order.
Send info.and price.
JAMES D.MACDONALD
Address as above.

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WANTED:
A visual eye tube for an R.A.F.II55A Receiver.
Types areVII03 I0E305 Y6I or 63 and 34PI03.
IF you have one write
ARTHUR G LEMERY
27 WHARNCLIFFE RD. S.
LONDON ONT. CAN. N 6 J 2 J 5

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WANTED:
By one of our new members:
5 20I's at a resonable price, so if 2 or 3 members has spares write or call:
ALLEN MARCOVITCH
184 ALTON AVE. TORONTO ONT.
M4L 2M5 Phone 46I I959

WANTED:
ATWATER KENT Model 9 or any BREADBOARD TYPE.
also A.K.Brass binding posts or similar.
HEP RICHARDSON I2 WILMAR COURT.
DUNDAS ONT. CAN. L9H IH2

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WANTED:
MERCURY SUPER TEN.
LOOP AERIAL.
PAPER CONE SPKR.
RADIO NEWS MAGS.
OLD TEST EUIPMENT.
A.C.32 TUBES
SCHEMATIC FOR SUPREME 89D TESTER
RIDERS VOL.7
FOR SALE:
2 BATT.RADIOS,MINT & WORKING with 5 Blue Bird 20IA'S,
BOSTON MFG. EACH $65
BOSTON NEUTRODYNE $75
WESTINGHOUSE COLMNAIRE very good condition,which is a Radio Granfather Clock Combination only 300 made,
Price; $I35
ANDRE NOLF
620 AUBURN CR.
BURLINGTON ONT.CAN.L7L 5B2

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WANTED:
A schematic or Manual or both for a R 390 A/URR Receiver,serial No.747.
Write or phone:
ROSS COOLING
299 FORMAN AVE.APT.I4
TORONTO ONT. M4S 2S6
PHONE: 488 3314 or 491 I880

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FOR SALE:
Complete Collection or Bids on individual items.
29 items including:
Sets Headsets
Books Etc.
Parts
Send SASE for list to:
GORDON H STAGNER
678 KUMUKAHI PLACE
HONOLULU HAWAII
96825

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WANTED:
Gernsback's Educational Library Series (small 10¢ books) No. 1,2,3,4,5,7,8, 10. Magneto Telephones and /or parts. Will trade for Myers Universal Tube new-original package, also 90 volt 4 candlepower carbon lamp-Edison base new-original pkge-circa 1909.
Steve Dow, Box 10 Gibsons British Columbia V0n 1V0.

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WEBSTER-CHICAGO WIRE RECORDER. Wish to purchase or have access to so original wire recordings can be transcribed to tape.
Maurice Chaplin, 81 Golden Orchard Dr., Hamilton Ontario L9C 6J2.

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VANCOUVER COLLECTORS?
Would like to hear and meet with a collector in the Vancouver B.C. area
Also need two rf transformers Model C made by Experimenter's Information Service.
Tom Adelsperger, 1457W. Penn Cove Road, Oak Harbor WA 98277.

(cont'd from P.19)

Super-Regenerative Receiver

hnish, and marked with white drawing ink. All of the instruments, with the exception of the oscillator coils and tube socket, were mounted on the panel. The voltmeter was arranged so that the switch immediately below it connected it to either the filament or the plate of the tube, the plate connection including a multiplier which multiplied the scale reading by ten. The jacks at the bottom of the panel allowed the use of three pairs of telephones in either series or parallel. The photographs show the arrangement very clearly.

The variable condenser used with the set was designed by the writer. It consisted of two plates, one of tinfoil, and the other of mercury, separated by a dielectric of thin sheet mica. The mercury was the only moving part of the condenser, and it gave very satisfactory service. The loop aerial was square, three feet on a side, and was wound with 10 turns of No. 18 wire spaced ½" apart. Taps were taken at every turn from the third to the tenth and connected to an eight-point switch in the center of the loop, and from this a pair of twisted leads ran to the set.

In the operation of this receiver, a plate voltage of between 60 and 70 has been found most satisfactory for both telephone and continuous wave reception. A "C" or grid battery of 4.5 volts may be used, but it does not seem to improve the results. A radiotron U. V.-201 tube was very successful in this set, but a Western Electric V. T.-1 gave the best results. The tuning of this set is no more difficult, and is almost identical to that of the well-known regenerative receiver. The tube should be lighted to its normal brilliancy and the oscillator coupling set at a maximum. The note of the variation frequency should now be heard loudly in the telephones. If not, the connections to one of the oscillator coils should be reversed. With the tube oscillating strongly at the variation frequency, decrease the coupling slowly until a loud click is heard, but the variation frequency note is still audible. The set is now oscillating at both radio and variation frequency, and is tuned in the ordinary manner with the variable condenser, variometer and filament rheostat. The variation frequency note is heard at all times during reception. If the oscillation coupling is decreased too far, the variation frequency oscillations will cease, and the set operate as a plain regenerative receiver.

Canadian Vintage Wireless Ass'n.

PRESERVING YESTERDAY'S WIRELESS FOR TOMORROW